

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : PHOTOCONDUCTIVE OPTICAL  
: WRITE DRIVER FOR MAGNETIC  
THOMAS M. CRAWFORD ET AL. : RECORDING  
: Attorney Docket No. SEAG 63445

**INFORMATION DISCLOSURE STATEMENT**

November 24, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR Sections 1.56, 1.97 and 1.98, Applicants submit herewith copies of the references (other than U.S. Patents and Published Applications) cited on the attached Forms PTO/SB/08A and PTO/SB/08B for consideration during prosecution of this application.

This Statement is filed solely for the purpose of complying with the pertinent rules of the Office and is not intended to be a substitute for an independent evaluation by the Examiner of the art cited or an independent search by the Examiner, and no representation of any nature is made or intended by the filing of this Statement.

Respectfully submitted,

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	
				Filing Date	
				First Named Inventor	Thomas M. Crawford
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	SEAG 63445

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		4,446,425		Valdmanis et al.	05-01-1984	
		4,482,863		Auston et al.	11-13-1984	
		6,081,499		Berger et al.	06-27-2000	
		6,134,207		Jerman et al.	10-17-2000	
		6,463,190		Kato et al.	10-08-2002	
		Publication No. 2003/0053258		Dunn et al.	03-20-2003	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
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				Filing Date	
				First Named Inventor	Thomas M. Crawford
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	SEAG 63445

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		D. H. AUSTON, "Picosecond Optoelectronic Switching and Gating in Silicon," <i>Applied Physics Letters</i> , Vol. 26, No. 3, February 1, 1975, pp. 101-103.	
		J. A. VALDMANIS ET AL., "Picosecond Electro-Optic Sampling System," <i>Applied Physics Letters</i> , Vol. 41, No. 3, August 1, 1982, pp. 211-212.	
		G. BURNS, <i>Solid State Physics</i> , Academic Press, San Diego, 1985, pp. 288-289.	
		F. E. DOANY ET AL., "Carrier Lifetime Versus Ion-Implantation Dose in Silicon on Sapphire," <i>Applied Physics Letters</i> , Vol. 50, No. 8, February 23, 1987, pp. 460-462.	
		M. E. DUNHAM ET AL., "Saturation Behavior of Silicon Auston Switches," <i>Journal of Applied Physics</i> , Vol. 66, No. 1, July 1, 1989, pp. 413-418.	
		D. R. DYKAAR ET AL., "Ultrafast Coplanar Air-Transmission Lines," <i>Applied Physics Letters</i> , Vol. 57, No. 11, September 10, 1990, pp. 1123-1125.	
		Y. CHEN ET AL., "375-GHz-Bandwidth Photoconductive Detector," <i>Applied Physics Letters</i> , Vol. 59, No. 16, October 14, 1991, pp. 1984-1986.	
		U. D. KEIL ET AL., "Generation of Ultrashort Electrical Pulses With Variable Pulse Widths," <i>Applied Physics Letters</i> , Vol. 66, No. 13, March 27, 1995, pp. 1629-1631.	
		R. G. DECORBY ET AL., "Large (50 $\mu\text{m}$ ) <sup>2</sup> Metal-Semiconductor-Metal Photodetectors With 18 GHz Bandwidth at 3 V Bias; Reduction of Hole Pileup," <i>Applied Physics Letters</i> , Vol. 73, No. 2, July 13, 1998, pp. 196-198.	
		M. STELLMACHER ET AL., "Photoconductivity Investigation of the Electron Dynamics in GaAs Grown at Low Temperature," <i>Applied Physics Letters</i> , Vol. 74, No. 9, March 1, 1999, pp. 1239-1241.	

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